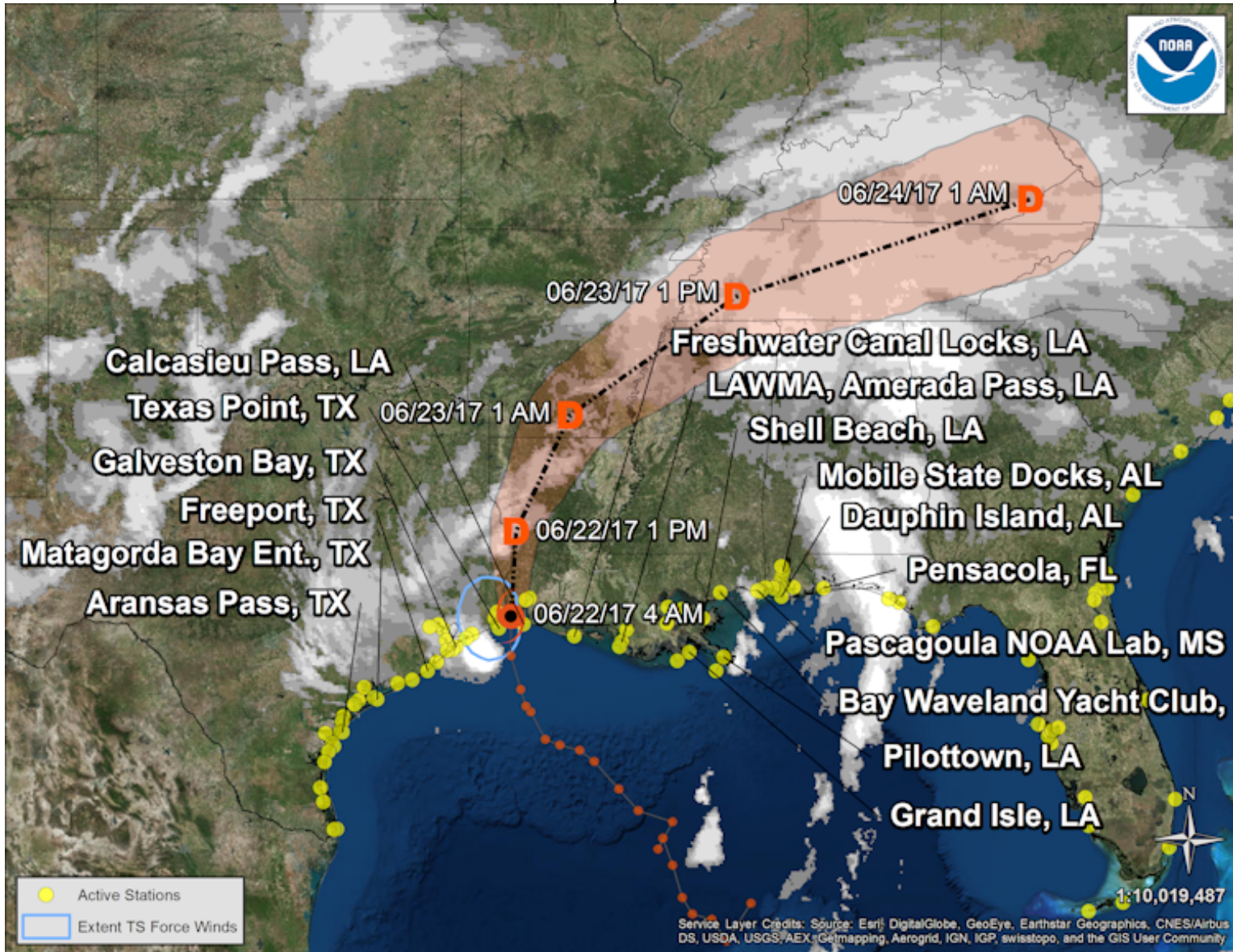




Tropical Storm CINDY QuickLook Posted: 05:00 CDT 06/22/2017

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 06/22/2017 05:00 CDT, water levels along the Gulf Coast from southern Texas to the Florida panhandle remain elevated and range between 1.5 and 3.3 feet above normal tide levels. Winds generally range from 15 to 25 knots with gusts between 30 and 35 knots observed over the past several hours. Winds are increasing from Galveston Bay, TX to Freshwater Canal Locks, LA. Barometric pressure has been falling rapidly near the border between Louisiana and Texas.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst: ADM

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

Tropical Storm Cindy Advisory Number 11
NWS National Hurricane Center Miami FL
400 AM CDT Thu Jun 22 2017

...CINDY MAKES LANDFALL IN SOUTHWESTERN LOUISIANA...

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY:

The Tropical Storm Warning is discontinued east of Morgan City Louisiana and west of High Island Texas.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Tropical Storm Warning is in effect for...
* High Island Texas to Morgan City Louisiana

Interests elsewhere along the U.S. Gulf Coast from the central Texas coast to the western Florida Panhandle should monitor the progress of this system.

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office.

DISCUSSION AND 48-HOUR OUTLOOK

Radar and surface observations indicate that Cindy made landfall between Cameron, Louisiana and Port Arthur, Texas within the last couple of hours.

At 400 AM CDT, the center of Tropical Storm Cindy was located ABOUT 30 MI...45 KM WSW OF LAKE CHARLES LOUISIANA. Cindy is moving toward the north near 12 mph, and a turn toward the north-northeast is expected tonight, followed by a turn toward the northeast on Friday. On the forecast track, the center will move into southeastern Arkansas early Friday, and into Tennessee later on Friday.

Maximum sustained winds have decreased to near 40 mph with higher gusts. Continued weakening is forecast during the next 48 hours, and Cindy should weaken to a tropical depression later today, and become a remnant low tonight.

Tropical-storm-force winds extend outward up to 70 miles to the southeast and southwest of the center.

The estimated minimum central pressure is 994 mb.

HAZARDS AFFECTING LAND

RAINFALL: Cindy is expected to produce rain accumulations of 3 to 6 inches with isolated maximum amounts up to 12 inches over eastern Texas, western and central Louisiana and southern and eastern Arkansas through Friday morning. Additional rainfall amounts of 2 to 4 inches with isolated maximum amounts of 8 inches over southern Mississippi, southern and central Alabama and extreme western Florida Panhandle are expected through Friday morning. This rainfall could cause life-threatening flash flooding in these areas.

Rainfall is expected to begin and expand across parts of the Tennessee and Ohio valleys. Rainfall amounts of 1 to 2 inches with isolated maximum amounts of 4 inches are expected through Friday morning.

WIND: Tropical storm conditions are affecting portions of the Tropical Storm Warning area. These conditions should subside in a few hours.

STORM SURGE: Inundation of 1 to 3 feet above ground level is expected along the coast in portions of the Tropical Storm Warning area. Inundation of 1 to 3 feet above ground level is also possible elsewhere along the coast from southeastern Louisiana to the western Florida Panhandle in areas of strong onshore winds.

TORNADOES: A few tornadoes are possible through tonight from the lower Mississippi and Tennessee Valley regions to the central Gulf Coast.

NEXT ADVISORY

Next intermediate advisory at 700 AM CDT.

Next complete advisory at 1000 AM CDT.

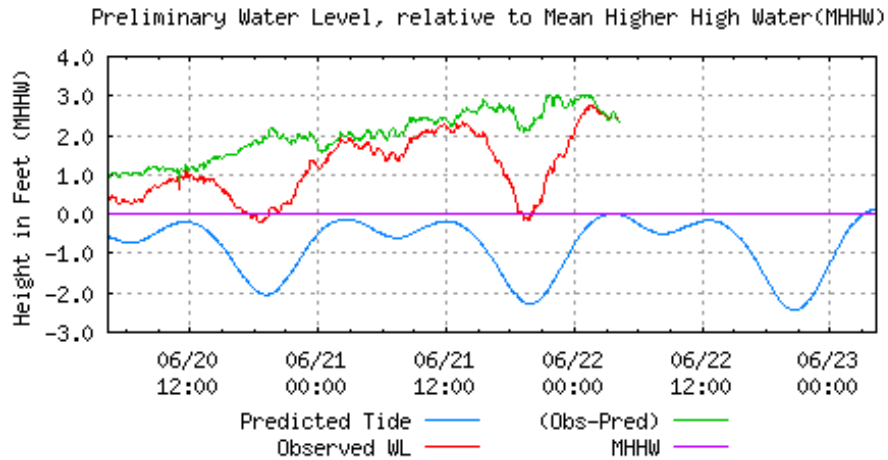
\$\$

Forecaster Pasch

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Texas Point, Sabine Pass - Water Level](#), [Texas Point, Sabine Pass - Winds](#), [Texas Point, Sabine Pass - Barometric](#), [Calcasieu Pass - Water Level](#), [Calcasieu Pass - Winds](#), [Calcasieu Pass - Barometric](#), [Freshwater Canal Locks - Water Level](#), [Freshwater Canal Locks - Winds](#), [LAWMA, Amerada Pass - Water Level](#), [LAWMA, Amerada Pass - Winds](#), [Grand Isle - Water Level](#), [Grand Isle - Winds](#), [Shell Beach - Water Level](#), [Shell Beach - Winds](#), [Pilottown - Water Level](#), [Pilottown - Winds](#), [Bay Waveland Yacht Club - Water Level](#), [Bay Waveland Yacht Club - Winds](#), [Pascagoula NOAA Lab - Water Level](#), [Mobile State Docks - Water Level](#), [Dauphin Island - Water Level](#), [Pensacola - Water Level](#), [Galveston Bay Entrance, North Jetty - Water Level](#), [Galveston Bay Entrance, North Jetty - Winds](#), [Galveston Bay Entrance, North Jetty - Barometric](#), [Freeport - Water Level](#), [Freeport - Winds](#), [Freeport - Barometric](#), [Matagorda Bay Entrance Channel - Water Level](#), [Matagorda Bay Entrance Channel - Winds](#), [Aransas, Aransas Pass - Water Level](#), [Aransas, Aransas Pass - Winds](#)

NOAA/NOS/CO-OPS 8770822 Texas Point, Sabine Pass, TX



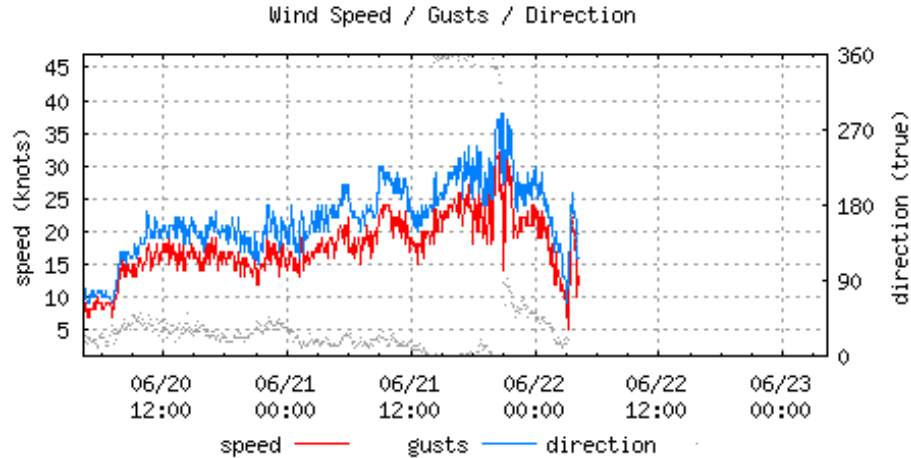
Last Observed Sample: 06/22/2017 04:18 (CDT). Data relative to MHHW

Observed: 2.38 ft. Predicted: -0.01 ft. Residual: 2.39 ft.

Historical Maximum Water Level: Mar 20 2012, 1.91 ft.

Next High Tide: 06/22/2017 12:41 (CDT), -0.16 ft.

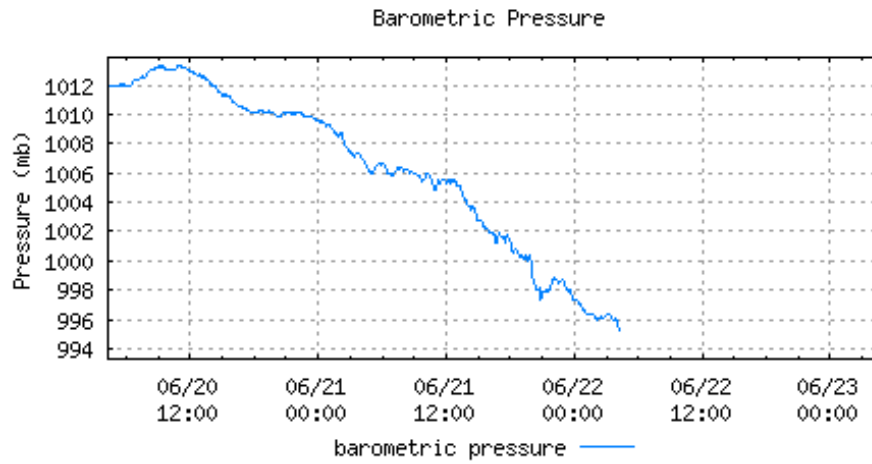
NOAA/NOS/CO-OPS 8770822 Texas Point, Sabine Pass, TX



Last Observed Sample: 06/22/2017 04:18 (CDT)

Wind Speed: 11 knots Gusts: 13 knots Direction: 153° T

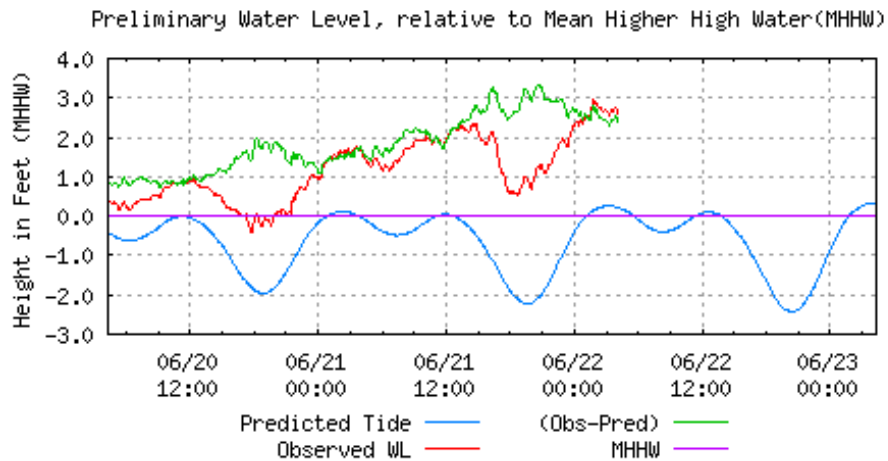
NOAA/NOS/CO-OPS 8770822 Texas Point, Sabine Pass, TX



Last Observed Sample: 06/22/2017 04:18 (CDT)

Barometric Pressure: 995.4 mb

NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA



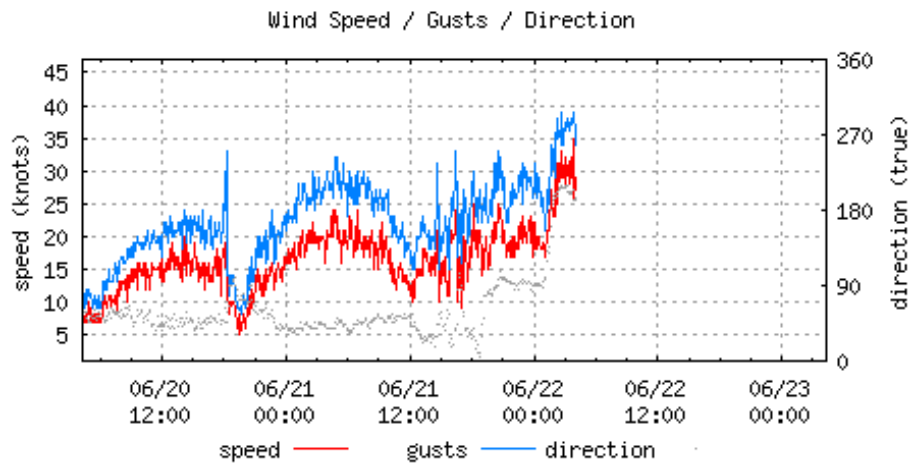
Last Observed Sample: 06/22/2017 04:12 (CDT). Data relative to MHHW

Observed: 2.59 ft. Predicted: 0.21 ft. Residual: 2.38 ft.

Historical Maximum Water Level: Sep 13 2008, 9.96 ft.

Next High Tide: 06/22/2017 12:37 (CDT), 0.10 ft.

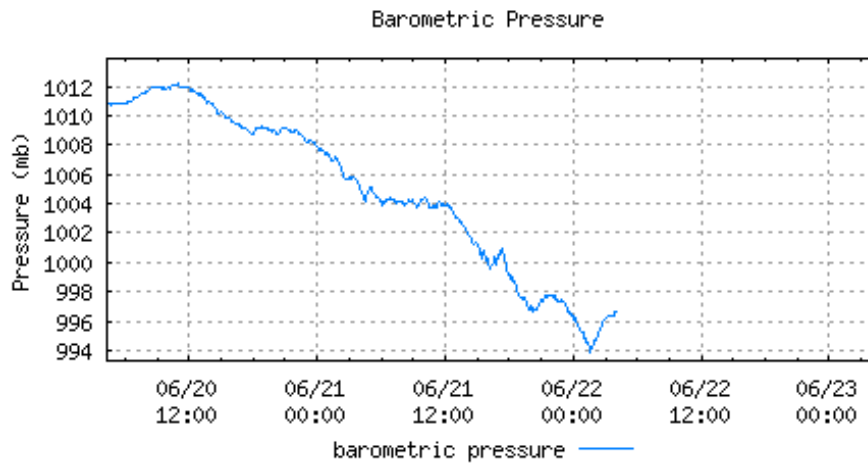
NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA



Last Observed Sample: 06/22/2017 04:12 (CDT)

Wind Speed: 26 knots Gusts: 32 knots Direction: 196° T

NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA

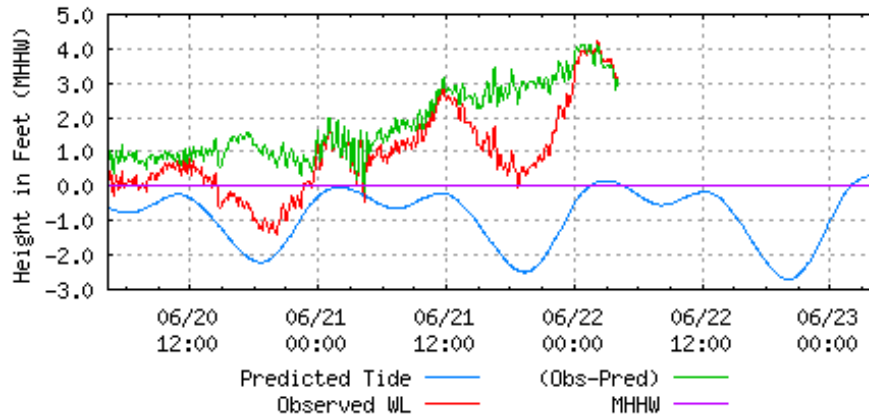


Last Observed Sample: 06/22/2017 04:12 (CDT)

Barometric Pressure: 996.5 mb

NOAA/NOS/CO-OPS 8766072 Freshwater Canal Locks, LA

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 06/22/2017 04:18 (CDT). Data relative to MHHW

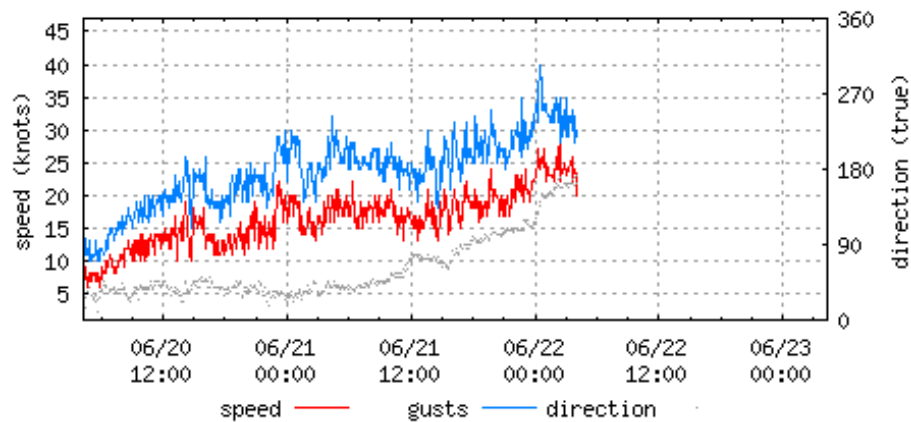
Observed: 3.07 ft. Predicted: 0.07 ft. Residual: 3.00 ft.

Historical Maximum Water Level: Sep 12 2008, 7.98 ft.

Next High Tide: 06/22/2017 12:14 (CDT), -0.16 ft.

NOAA/NOS/CO-OPS 8766072 Freshwater Canal Locks, LA

Wind Speed / Gusts / Direction

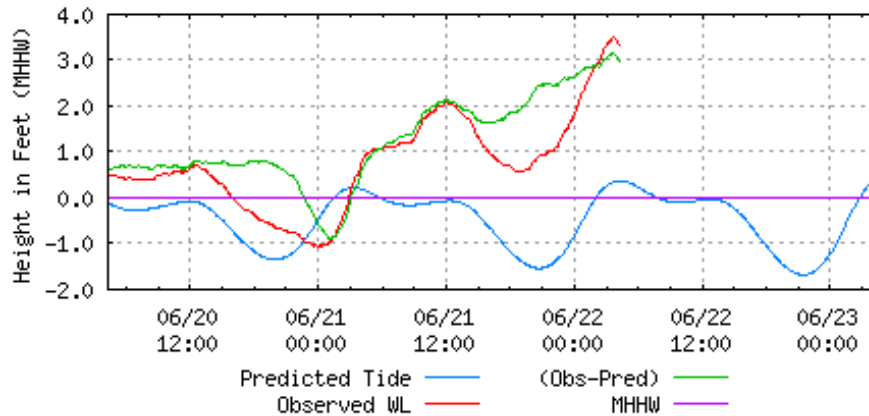


Last Observed Sample: 06/22/2017 04:18 (CDT)

Wind Speed: 22 knots Gusts: 26 knots Direction: 161° T

NOAA/NOS/CO-OPS 8764227 LAWMA, Amerada Pass, LA

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 06/22/2017 04:18 (CDT). Data relative to MHHW

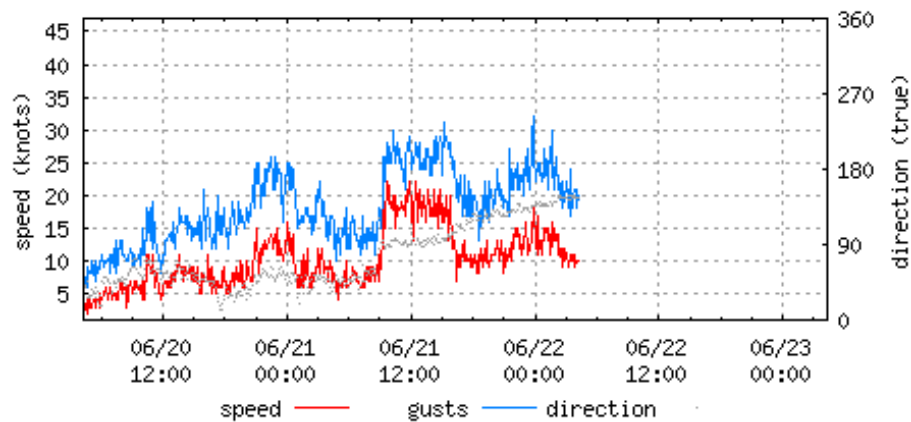
Observed: 3.29 ft. Predicted: 0.37 ft. Residual: 2.92 ft.

Historical Maximum Water Level: Sep 12 2008, 5.90 ft.

Next High Tide: 06/22/2017 12:48 (CDT), -0.04 ft.

NOAA/NOS/CO-OPS 8764227 LAWMA, Amerada Pass, LA

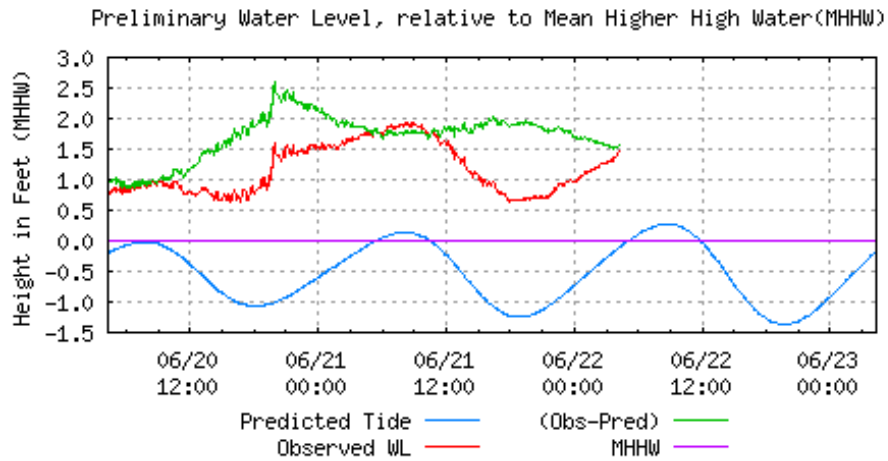
Wind Speed / Gusts / Direction



Last Observed Sample: 06/22/2017 04:18 (CDT)

Wind Speed: 10 knots Gusts: 23 knots Direction: 147° T

NOAA/NOS/CO-OPS 8761724 Grand Isle, LA



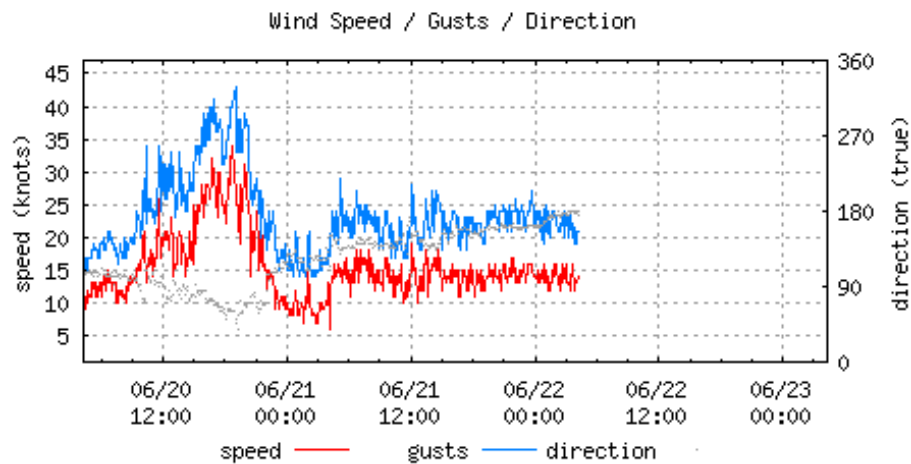
Last Observed Sample: 06/22/2017 04:18 (CDT). Data relative to MHHW

Observed: 1.45 ft. Predicted: -0.10 ft. Residual: 1.55 ft.

Historical Maximum Water Level: Aug 29 2012, 4.45 ft.

Next High Tide: 06/22/2017 08:44 (CDT), 0.27 ft.

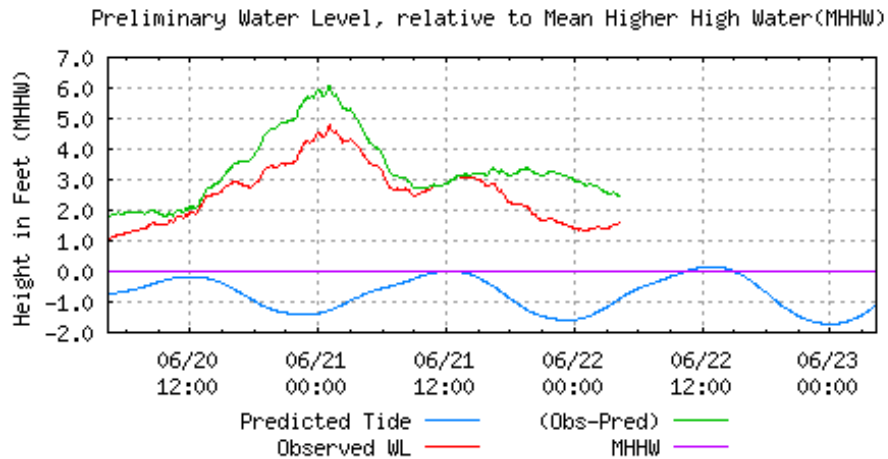
NOAA/NOS/CO-OPS 8761724 Grand Isle, LA



Last Observed Sample: 06/22/2017 04:18 (CDT)

Wind Speed: 14 knots Gusts: 21 knots Direction: 175° T

NOAA/NOS/CO-OPS 8761305 Shell Beach, LA



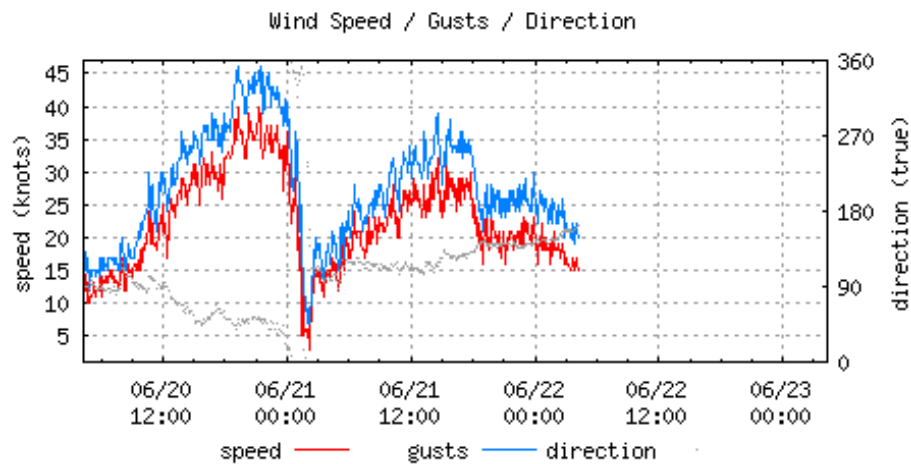
Last Observed Sample: 06/22/2017 04:12 (CDT). Data relative to MHHW

Observed: 1.58 ft. Predicted: -0.90 ft. Residual: 2.48 ft.

Historical Maximum Water Level: Aug 29 2012, 9.45 ft.

Next High Tide: 06/22/2017 12:52 (CDT), 0.17 ft.

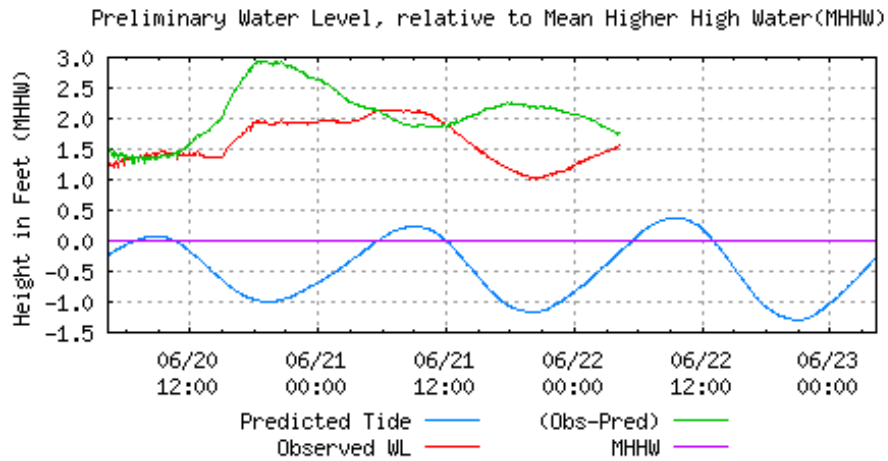
NOAA/NOS/CO-OPS 8761305 Shell Beach, LA



Last Observed Sample: 06/22/2017 04:12 (CDT)

Wind Speed: 15 knots Gusts: 20 knots Direction: 162° T

NOAA/NOS/CO-OPS 8760721 Pilottown, LA



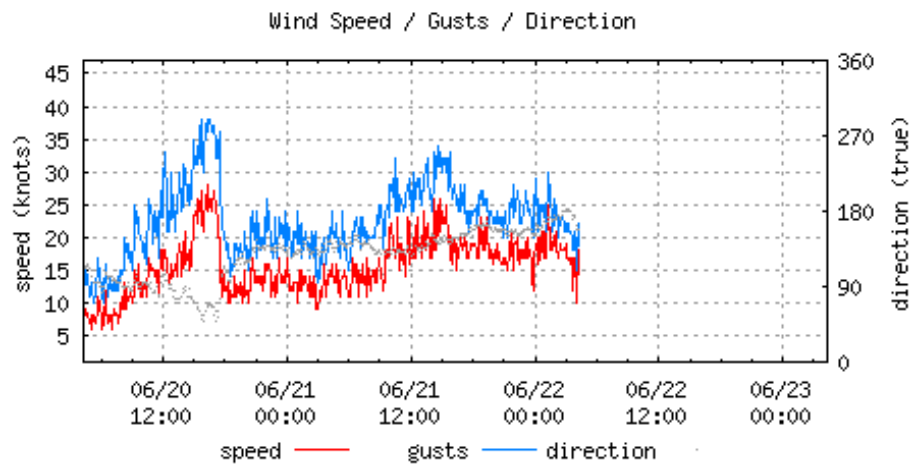
Last Observed Sample: 06/22/2017 04:18 (CDT). Data relative to MHHW

Observed: 1.56 ft. Predicted: -0.18 ft. Residual: 1.74 ft.

Historical Maximum Water Level: n/a

Next High Tide: 06/22/2017 09:30 (CDT), 0.36 ft.

NOAA/NOS/CO-OPS 8760721 Pilottown, LA

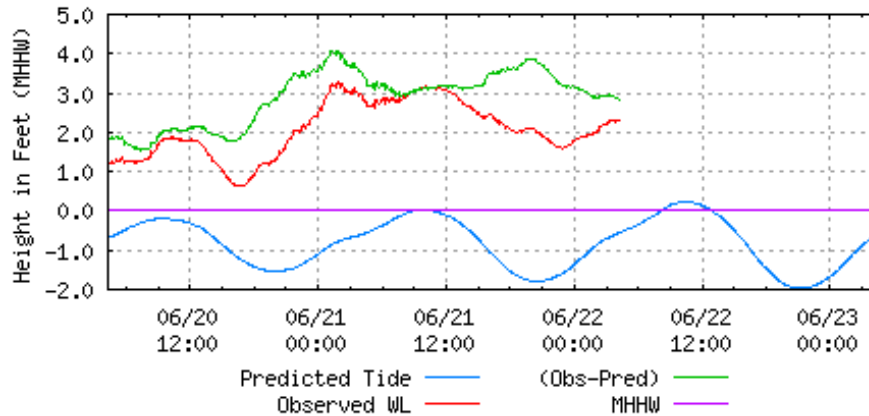


Last Observed Sample: 06/22/2017 04:18 (CDT)

Wind Speed: 13 knots Gusts: 22 knots Direction: 157° T

NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 06/22/2017 04:12 (CDT). Data relative to MHHW

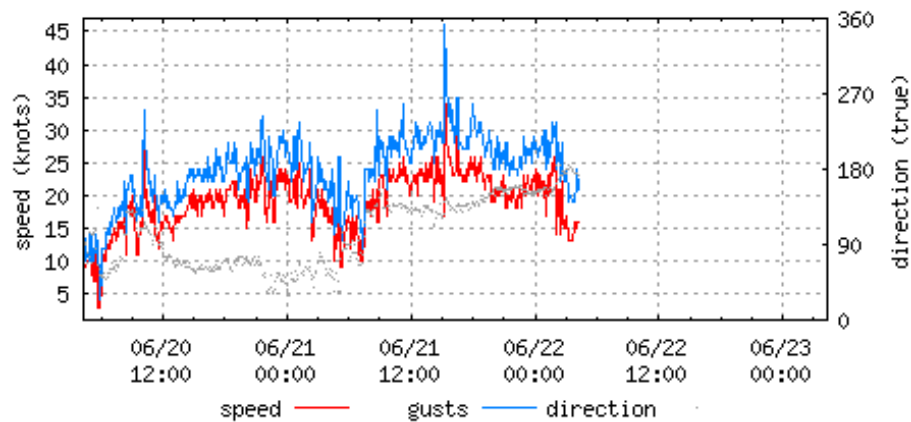
Observed: 2.28 ft. Predicted: -0.56 ft. Residual: 2.84 ft.

Historical Maximum Water Level: Sep 1 2008, 9.10 ft.

Next High Tide: 06/22/2017 10:27 (CDT), 0.24 ft.

NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS

Wind Speed / Gusts / Direction

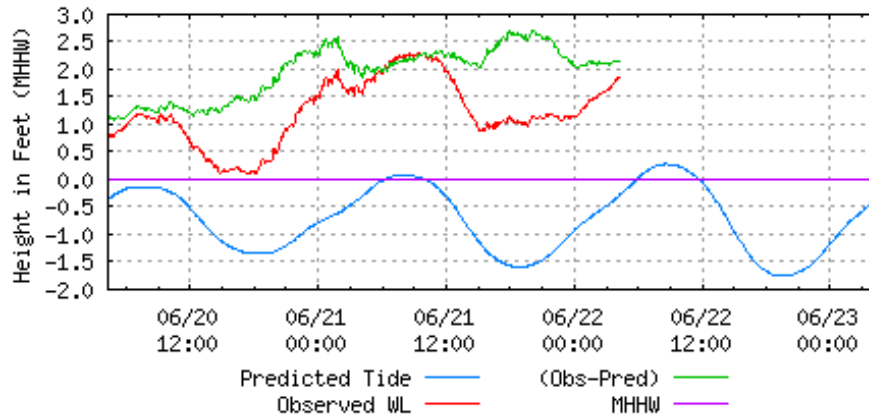


Last Observed Sample: 06/22/2017 04:12 (CDT)

Wind Speed: 16 knots Gusts: 21 knots Direction: 172° T

NOAA/NOS/CO-OPS 8741533 Pascagoula NOAA Lab, MS

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 06/22/2017 04:12 (CDT). Data relative to MHHW

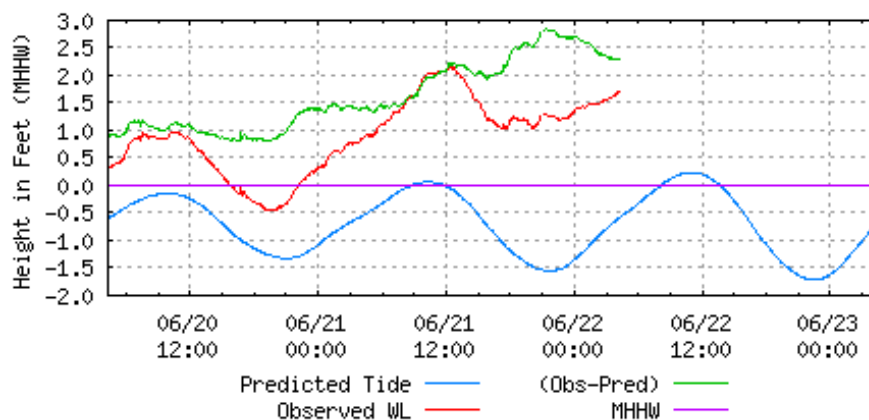
Observed: 1.86 ft. Predicted: -0.30 ft. Residual: 2.16 ft.

Historical Maximum Water Level: Sep 1 2008, 4.90 ft.

Next High Tide: 06/22/2017 08:36 (CDT), 0.28 ft.

NOAA/NOS/CO-OPS 8737048 Mobile State Docks, AL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 06/22/2017 04:12 (CDT). Data relative to MHHW

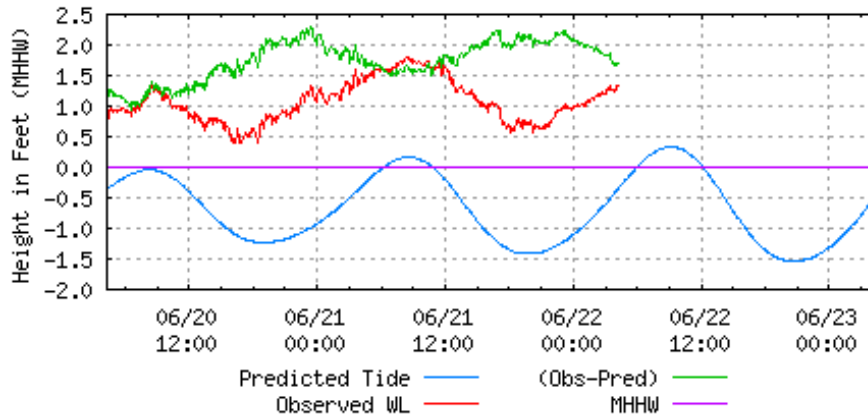
Observed: 1.69 ft. Predicted: -0.59 ft. Residual: 2.28 ft.

Historical Maximum Water Level: Aug 29 2012, 3.67 ft.

Next High Tide: 06/22/2017 11:00 (CDT), 0.24 ft.

NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 06/22/2017 04:12 (CDT). Data relative to MHHW

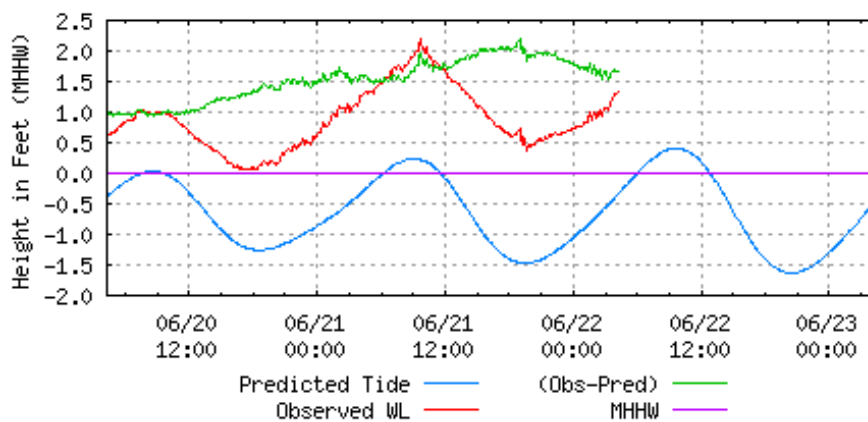
Observed: 1.35 ft. Predicted: -0.35 ft. Residual: 1.70 ft.

Historical Maximum Water Level: Sep 16 2004, 5.94 ft.

Next High Tide: 06/22/2017 09:10 (CDT), 0.33 ft.

NOAA/NOS/CO-OPS 8729840 Pensacola, FL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



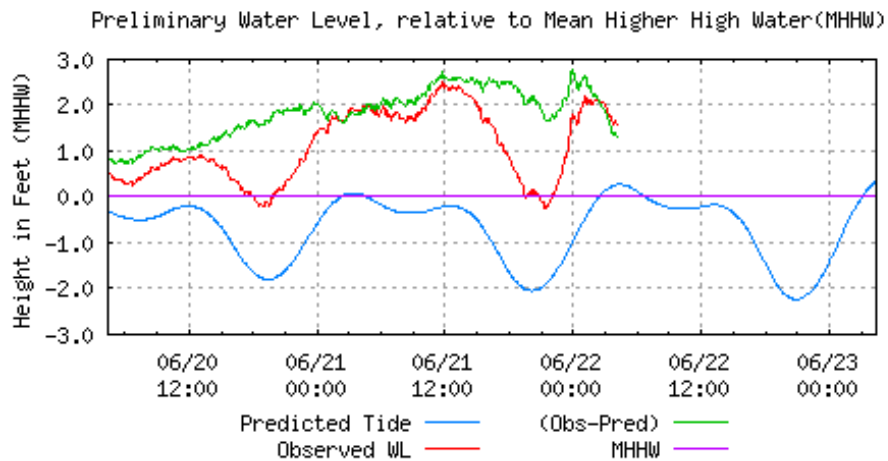
Last Observed Sample: 06/22/2017 04:12 (CDT). Data relative to MHHW

Observed: 1.34 ft. Predicted: -0.34 ft. Residual: 1.68 ft.

Historical Maximum Water Level: Sep 18 1926, 7.41 ft.

Next High Tide: 06/22/2017 09:39 (CDT), 0.41 ft.

NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, North Jetty, TX



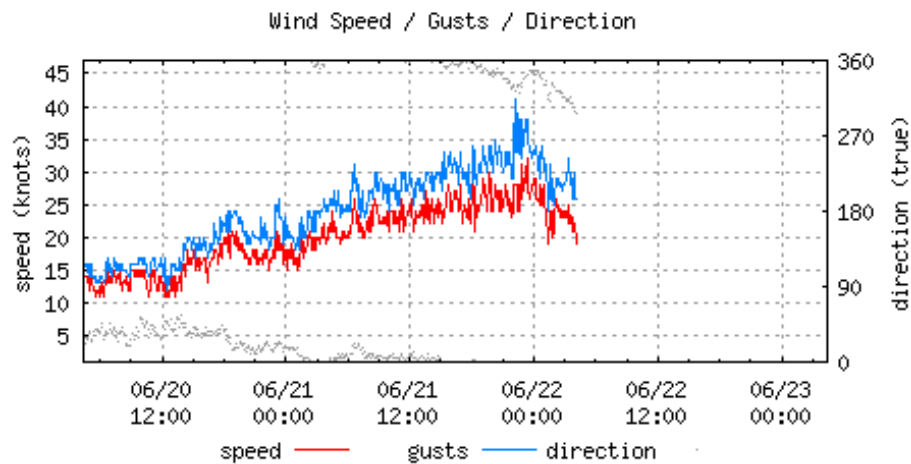
Last Observed Sample: 06/22/2017 04:12 (CDT). Data relative to MHHW

Observed: 1.56 ft. Predicted: 0.27 ft. Residual: 1.29 ft.

Historical Maximum Water Level: Jul 15 2003, 4.08 ft.

Next High Tide: 06/22/2017 04:21 (CDT), 0.27 ft.

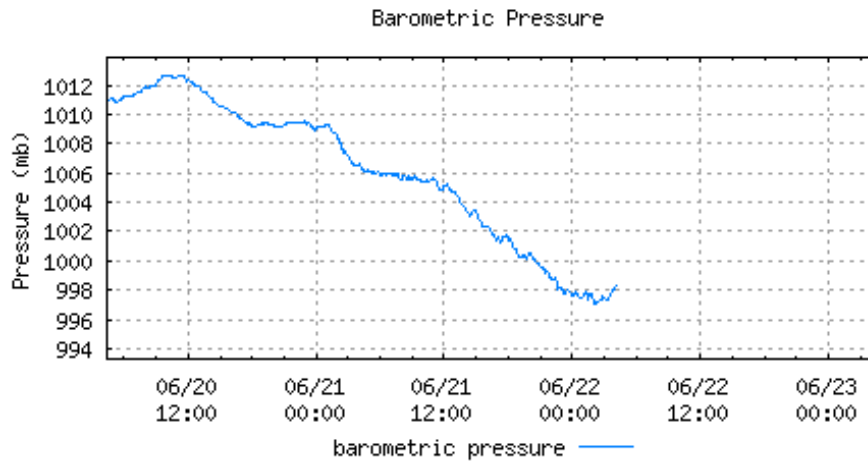
NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, North Jetty, TX



Last Observed Sample: 06/22/2017 04:12 (CDT)

Wind Speed: 21 knots Gusts: 25 knots Direction: 294° T

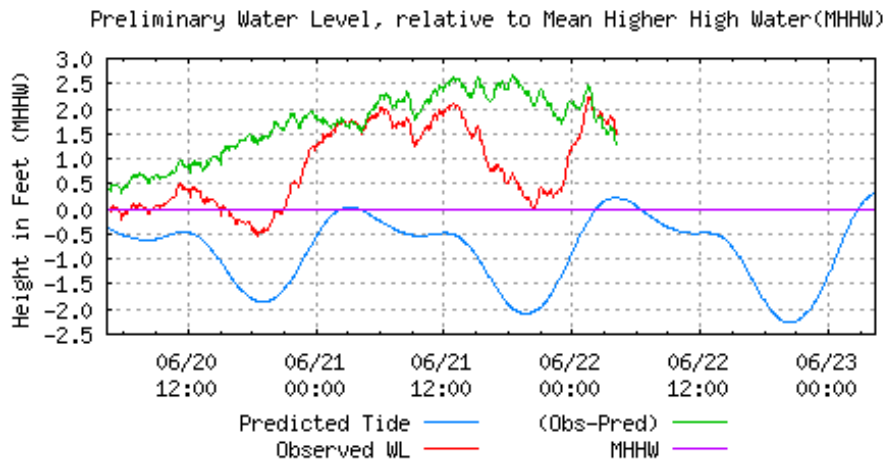
NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, North Jetty, TX



Last Observed Sample: 06/22/2017 04:12 (CDT)

Barometric Pressure: 998.4 mb

NOAA/NOS/CO-OPS 8772447 Freeport, TX



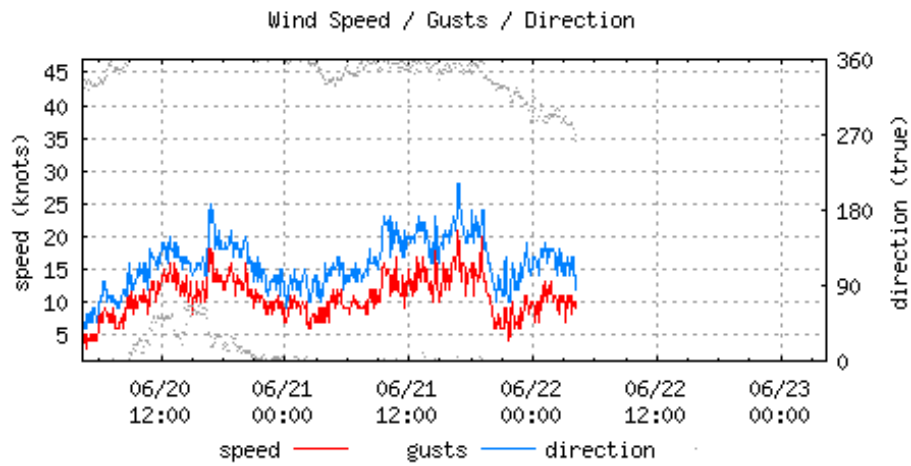
Last Observed Sample: 06/22/2017 04:12 (CDT). Data relative to MHHW

Observed: 1.50 ft. Predicted: 0.22 ft. Residual: 1.28 ft.

Historical Maximum Water Level: Sep 12 2008, 5.58 ft.

Next High Tide: 06/23/2017 04:59 (CDT), 0.35 ft.

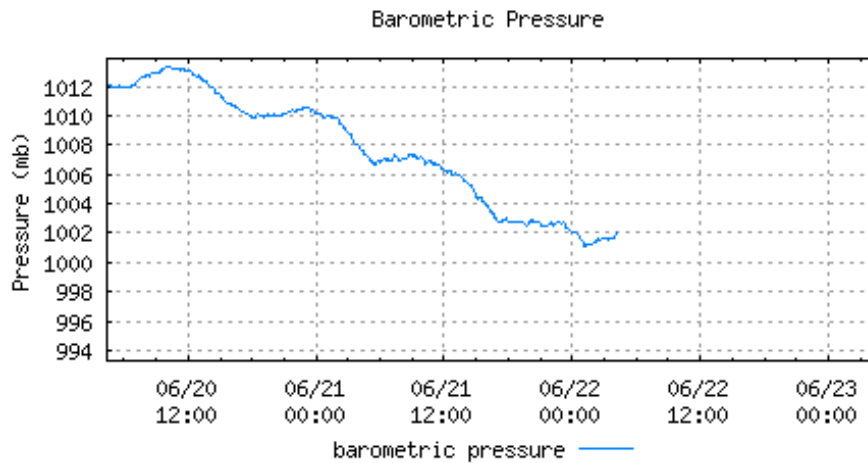
NOAA/NOS/CO-OPS 8772447 Freeport, TX



Last Observed Sample: 06/22/2017 04:12 (CDT)

Wind Speed: 10 knots Gusts: 14 knots Direction: 263° T

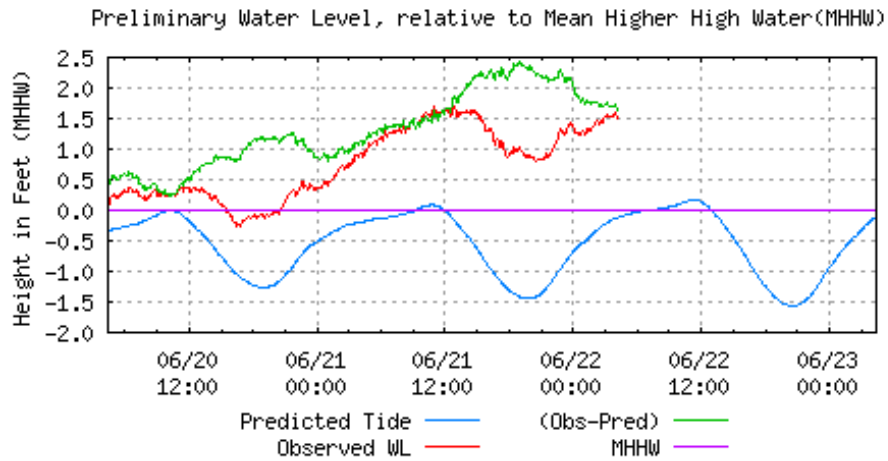
NOAA/NOS/CO-OPS 8772447 Freeport, TX



Last Observed Sample: 06/22/2017 04:12 (CDT)

Barometric Pressure: 1002.0 mb

NOAA/NOS/CO-OPS 8773767 Matagorda Bay Entrance Channel, TX



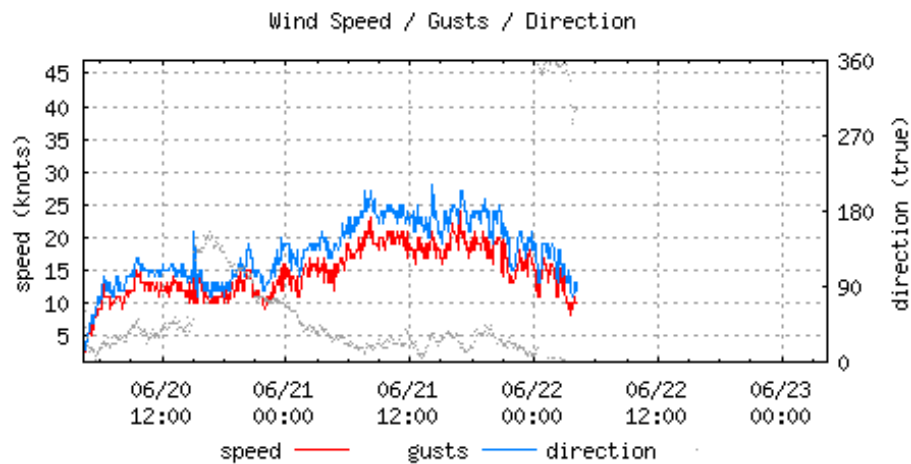
Last Observed Sample: 06/22/2017 04:12 (CDT). Data relative to MHHW

Observed: 1.50 ft. Predicted: -0.12 ft. Residual: 1.62 ft.

Historical Maximum Water Level: n/a

Next High Tide: 06/22/2017 11:19 (CDT), 0.16 ft.

NOAA/NOS/CO-OPS 8773767 Matagorda Bay Entrance Channel, TX

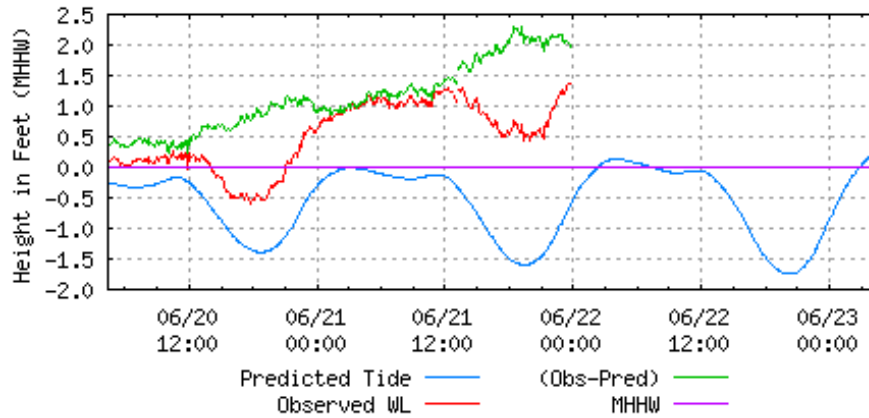


Last Observed Sample: 06/22/2017 04:12 (CDT)

Wind Speed: 10 knots Gusts: 12 knots Direction: 302° T

NOAA/NOS/CO-OPS 8775241 Aransas, Aransas Pass, TX

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 06/22/2017 04:18 (CDT). Data relative to MHHW

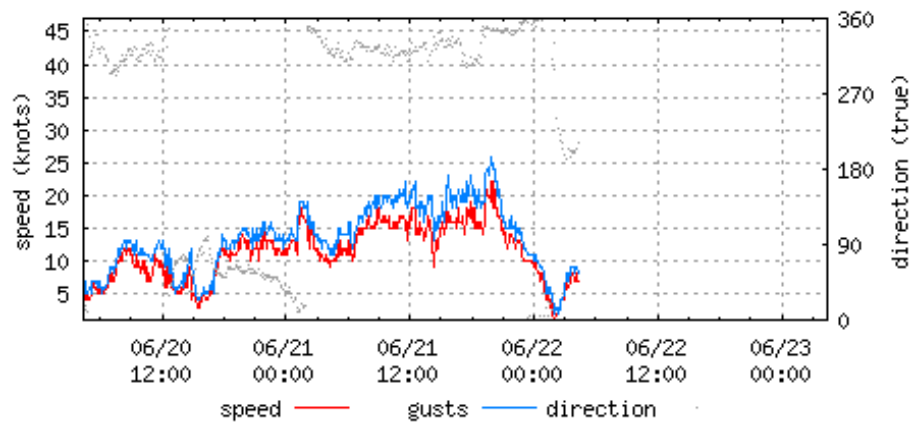
Observed: 1.38 ft. Predicted: -0.59 ft. Residual: 1.97 ft.

Historical Maximum Water Level: n/a

Next High Tide: 06/23/2017 04:50 (CDT), 0.22 ft.

NOAA/NOS/CO-OPS 8775241 Aransas, Aransas Pass, TX

Wind Speed / Gusts / Direction



Last Observed Sample: 06/22/2017 04:18 (CDT)

Wind Speed: 7 knots Gusts: 8 knots Direction: 211° T

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8770822	Texas Point, Sabine Pass, TX	06/22/2017 04:18 (CDT)	2.38 ft	-0.01 ft	2.39 ft	2.77 ft
8768094	Calcasieu Pass, LA	06/22/2017 04:12 (CDT)	2.59 ft	0.21 ft	2.38 ft	2.94 ft
8766072	Freshwater Canal Locks, LA	06/22/2017 04:18 (CDT)	3.07 ft	0.07 ft	3.00 ft	4.24 ft
8764227	LAWMA, Amerada Pass, LA	06/22/2017 04:18 (CDT)	3.29 ft	0.37 ft	2.92 ft	3.49 ft
8761724	Grand Isle, LA	06/22/2017 04:18 (CDT)	1.45 ft	-0.10 ft	1.55 ft	1.94 ft
8761305	Shell Beach, LA	06/22/2017 04:12 (CDT)	1.58 ft	-0.90 ft	2.48 ft	3.83 ft
8760721	Pilottown, LA	06/22/2017 04:18 (CDT)	1.56 ft	-0.18 ft	1.74 ft	2.14 ft
8747437	Bay Waveland Yacht Club, MS	06/22/2017 04:12 (CDT)	2.28 ft	-0.56 ft	2.84 ft	3.17 ft
8741533	Pascagoula NOAA Lab, MS	06/22/2017 04:12 (CDT)	1.86 ft	-0.30 ft	2.16 ft	2.29 ft
8737048	Mobile State Docks, AL	06/22/2017 04:12 (CDT)	1.69 ft	-0.59 ft	2.28 ft	2.19 ft
8735180	Dauphin Island, AL	06/22/2017 04:12 (CDT)	1.35 ft	-0.35 ft	1.70 ft	1.82 ft
8729840	Pensacola, FL	06/22/2017 04:12 (CDT)	1.34 ft	-0.34 ft	1.68 ft	2.20 ft
8771341	Galveston Bay Entrance, North Jetty, TX	06/22/2017 04:12 (CDT)	1.56 ft	0.27 ft	1.29 ft	2.52 ft
8772447	Freeport, TX	06/22/2017 04:12 (CDT)	1.50 ft	0.22 ft	1.28 ft	2.22 ft
8773767	Matagorda Bay Entrance Channel, TX	06/22/2017 04:12 (CDT)	1.50 ft	-0.12 ft	1.62 ft	1.71 ft
8775241	Aransas, Aransas Pass, TX	06/22/2017 04:18 (CDT)	1.38 ft	-0.59 ft	1.97 ft	1.38 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce